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United States Patent and Trademark Office

January 07, 2005

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE.

APPLICATION NUMBER: 60/530,376

FILING DATE: *December 17, 2003*

RELATED PCT APPLICATION NUMBER: *PCT/US04/42099*



Certified By

Jon W Dudas

Under Secretary
of Commerce for Intellectual Property
and Acting Director of the
United States Patent and Trademark Office

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Application No.: Unassigned

Group Art Unit: Unassigned

Filing Date: December 17, 2003

Examiner: Unassigned

Title: Hopper for Tablet Press Feeder System



PROVISIONAL APPLICATION TRANSMITTAL LETTER

MAIL STOP PROVISIONAL PATENT APPLICATION

Customer Number **2 1 8 3 9**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a request for filing a Provisional Application for Patent under 37 C.F.R. § 1.53(c) without a Cover Sheet. Enclosed for filing is the provisional application for

Hopper for Tablet Press Feeder System

including:

- ☒ 1 pages of specification;
☒ 2 sheets of drawings; and



☐ Small entity status is hereby claimed.

A Cover Sheet for completion of the present provisional application will be subsequently filed together with a surcharge under 37 C.F.R. § 1.16(l) in accordance with 37 C.F.R. § 1.53(g). Issuance of notification of the granting of a filing date under 37 C.F.R. § 1.53(c) and notification of when the cover sheet is due to be filed in accordance with 37 C.F.R. § 1.53(g) are requested.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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(919) 941-9240

By

Stephen J. Tytran

Registration No. 45,846

Filed: December 17, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail" Mailing Label No.: EV 171996357 US Date of Deposit: December 17, 2003

Donnie S. Dietrich

Typed Name:

Customer Number **2 1 8 3 9**

PTO/SB/16 (10-01)
Approved for use through 10/31/2002. OMB 0651-0037
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 C.F.R. § 1.53(c).

		Docket Number	018931-031	Type a plus sign (+) inside this box	+
INVENTOR(s)/APPLICANT(s)					
LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)		
OYOLA	Casimiro		North Carolina		
<input type="checkbox"/> Additional inventors are being named on the ____ separately numbered sheets attached hereto.					
TITLE OF THE INVENTION (500 characters max)					
Hopper for Tablet Press Feeder System					
CORRESPONDENCE ADDRESS					
Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 2 1 8 3 9 Post Office Box 1404 Alexandria					
STATE	Virginia	ZIP CODE	22313-1404	COUNTRY	United States of America
ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/> Specification Number of Pages 1 <input type="checkbox"/> Other (specify)					
<input checked="" type="checkbox"/> Drawing(s) Number of Sheets 2					
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76					
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT (check one)					
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27.		PROVISIONAL FILING FEE AMOUNT(S)		<input type="checkbox"/> \$80.00 (2005)	
<input type="checkbox"/> A check or money order is enclosed to cover the Provisional filing fees.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any deficiency in filing fees or credit any overpayment to Deposit Account No. 02-4800. This paper is submitted in duplicate.				<input checked="" type="checkbox"/> \$160.00 (1005)	

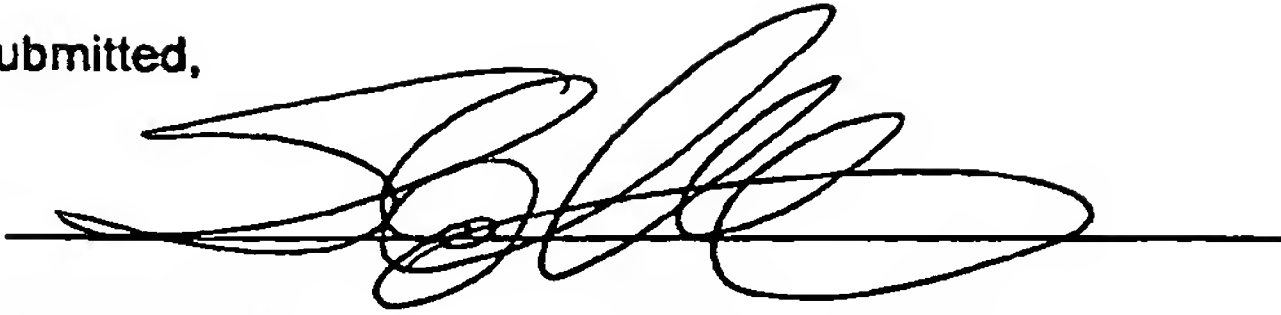
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.

☐ Yes, the name of the U.S. Government agency and the Government contract number are:

Respectfully submitted,

SIGNATURE



DATE

December 17, 2003

TYPED or PRINTED NAME

Stephen J. Tytran

Registration No.
(if appropriate)

45,846

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"Express Mail" Mailing Label No.: EV 171996357 US Date of Deposit: December 17, 2003



Donnie S. Dietrich

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21839

HOPPER FOR TABLET PRESS FEEDER SYSTEM

BACKGROUND

The invention relates to feeder systems, and more particularly to a hopper for use with press feeder systems that can be used to form tablets.

DETAILED DESCRIPTION

Figure 1 depicts front and left elevations of an exemplary embodiment of a hopper for use in a tablet press feeder system. Figure 2 depicts front, top, and bottom elevations of a velocity reducer for use in conjunction with the hopper depicted in figure 1.

Figure 1

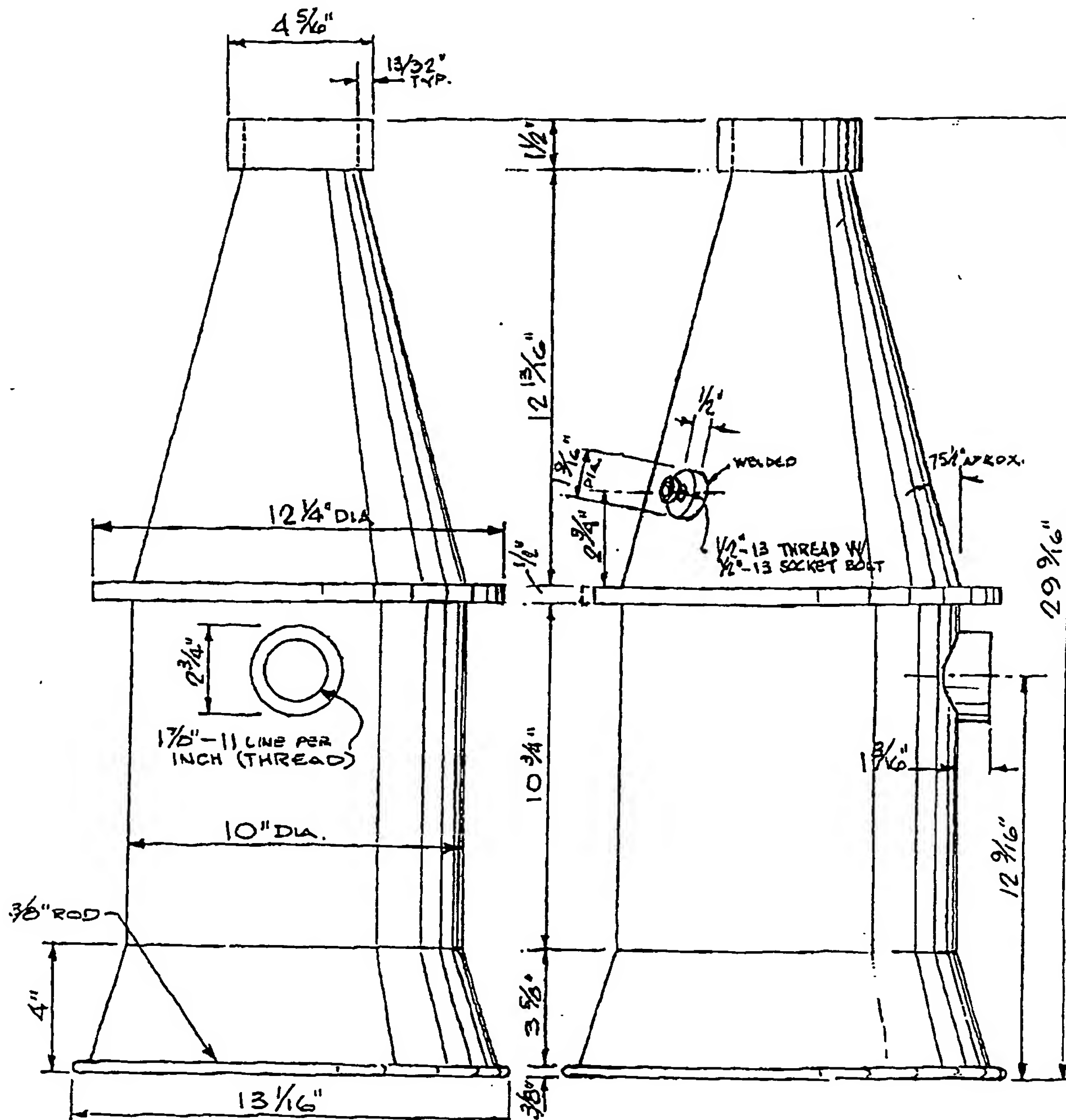
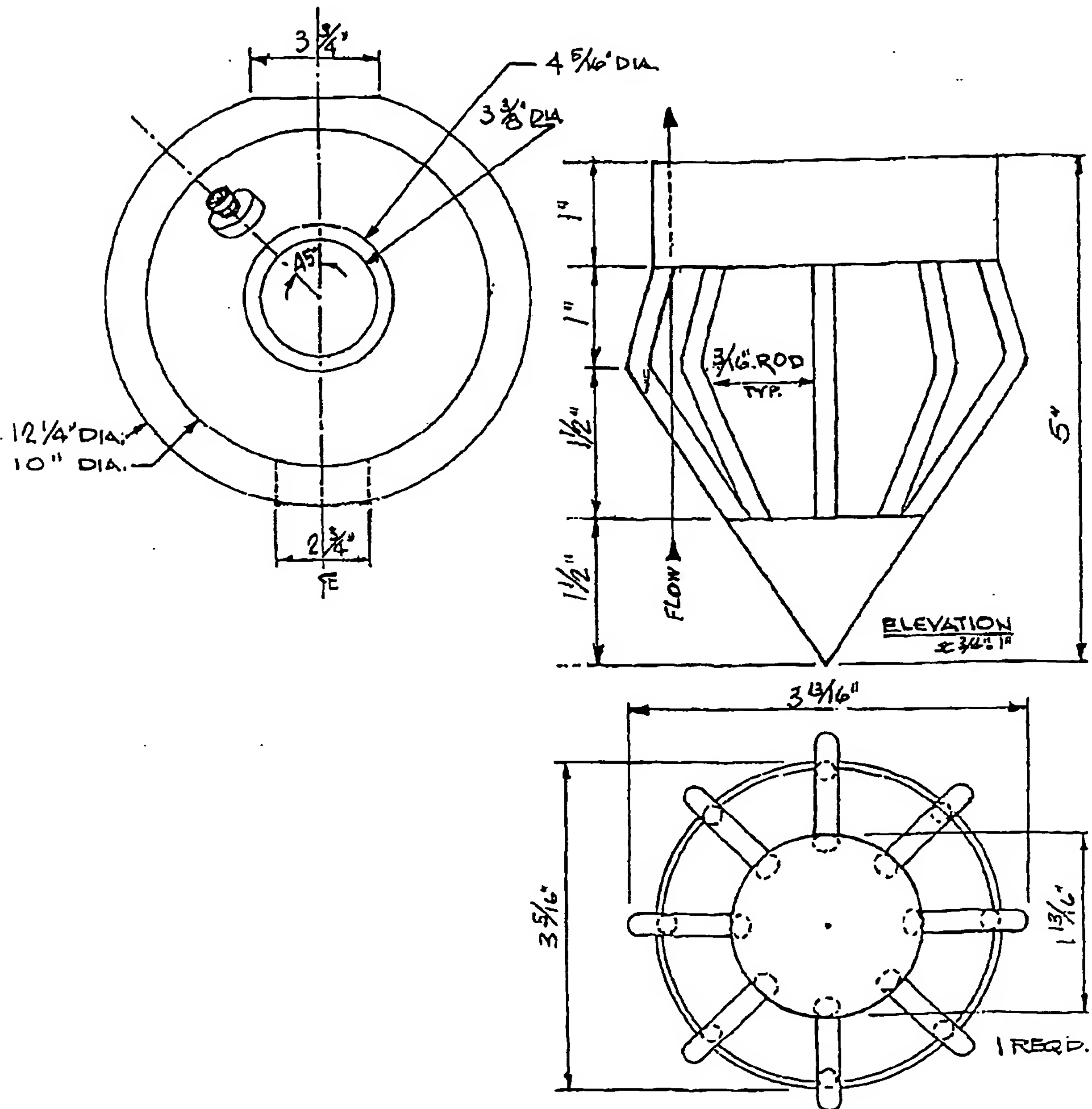


Figure 2



Document made available under the Patent Cooperation Treaty (PCT)

International application number: PCT/US04/042099

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Remark: Priority document submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b)



World Intellectual Property Organization (WIPO) - Geneva, Switzerland
Organisation Mondiale de la Propriété Intellectuelle (OMPI) - Genève, Suisse